

WHAT IS CLAIMED IS:

1. A landfill cover composition comprising a concentrate characterized by a hardening agent, a thickener and emulsifier, and a super absorbent polymer for mixing with water and a filler material for application as at least temporary cover for a landfill refuse layer.
2. The composition set forth in Claim 1 wherein:
said hardening agent comprises Plaster of Paris.
3. The composition set forth in Claim 1 wherein:
said thickener and emulsifier comprises guar gum.
4. The composition set forth in Claim 1 wherein:
said super absorbent polymer comprises cross-linked sodium acrylate polymer.
5. The composition set forth in Claim 1 wherein:
said filler material comprises a biodegradable material selected from a group consisting of cellulose and wood fiber mulch.
6. The composition set forth in Claim 1 wherein:
said concentrate is provided in dry bulk containers comprising about 75 to 91 percent by weight of hardening agent, 2.5 to 3.0 percent by weight of thickener and emulsifier, and 2.5 to 3.0 percent by weight of super absorbent polymer.
7. The composition set forth in Claim 6 wherein:
said concentrate includes a quantity of biodegradable dry mulch in the amount of about 0 to 18 percent by weight.

8. The composition set forth in Claim 6 including:
a refuse degrading agent in the amount of 2.50 to
3.0 percent by weight of said concentrate.

9. The composition set forth in Claim 1 wherein:
said concentrate is provided in an amount of about
6.0 to 7.3 percent by weight of a mixture of said
concentrate, said filler material and water.

10. The composition set forth in Claim 9 wherein:
said filler material is provided in the amount of
about 9.0 to 10.4 percent by weight of said mixture.

11. A landfill cover composition comprising a
concentrate characterized by a hardening agent, a thickener
and emulsifier, and a super absorbent polymer for mixing
with water and a filler material for application as at least
5 temporary cover for a landfill refuse layer wherein said
hardening agent comprises a Plaster of Paris composition,
said thickener and emulsifier comprises a guar gum
composition, and said super absorbent polymer comprises
cross-linked sodium acrylate polymer.

12. The composition set forth in Claim 11 wherein:
said filler material comprises a biodegradable
material selected from a group consisting of cellulose and
wood fiber mulch.

13. The composition set forth in Claim 11 wherein:
said concentrate is provided in dry bulk
containers comprising about 75 to 91 percent by weight of
hardening agent, 2.5 to 3.0 percent by weight of thickener
5 and emulsifier, and 2.5 to 3.0 percent by weight of super
absorbent polymer.

14. The composition set forth in Claim 13 wherein:
said concentrate includes a quantity of
biodegradable dry mulch in the amount of about 0 to 17.5
percent by weight.

15. A liquefied sprayable landfill cover composition
comprising a mixture of a concentrate comprising a Plaster
of Paris hardening agent, a guar gum thickener and
emulsifier and a super absorbent polymer, water and a filler
material selected from a group consisting of cellulose and
wood fiber mulch for application as at least temporary cover
for a landfill refuse layer.
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16. The composition set forth in Claim 15 including:
a refuse degrading agent.

17. The composition set forth in Claim 15 wherein:
said concentrate is provided in an amount of about
6.0 to 7.3 percent by weight of said mixture.

18. The composition set forth in Claim 15 wherein:
said filler material is provided in an amount of
about 9.0 to 10.4 percent by weight of said mixture.

19. A method of providing an at least temporary cover
for a landfill refuse layer comprising the steps of:

providing a filler material;
providing a concentrate including a hardening
agent, an emulsifier and thickener and a super absorbent
polymer;
5 mixing said concentrate with said filler material
and water to provide a sprayable liquefied composition; and

spraying said composition onto said surface of
10 said refuse layer to provide at least a temporary cover for
said refuse layer.

20. The method set forth in Claim 19 including the
step of:

providing said hardening agent as a Plaster of
Paris composition.

21. The method set forth in Claim 19 including the
step of:

providing said thickener and emulsifier as a guar
gum composition.

22. The method set forth in Claim 19 including the
step of:

providing said super absorbent polymer as a cross-
linked sodium acrylate polymer.

23. The method set forth in Claim 19 including the
step of:

providing said filler material as a biodegradable
material selected from a group consisting of cellulose and
5 wood fiber mulch.

24. The method set forth in Claim 19 including the
step of:

providing said concentrate in dry bulk containers
comprising about 75 to 91 percent by weight of hardening
5 agent, 2.5 to 3.0 percent by weight of thickener and
emulsifier, and 2.5 to 3.0 percent by weight of super
absorbent polymer.